

FIG. 1

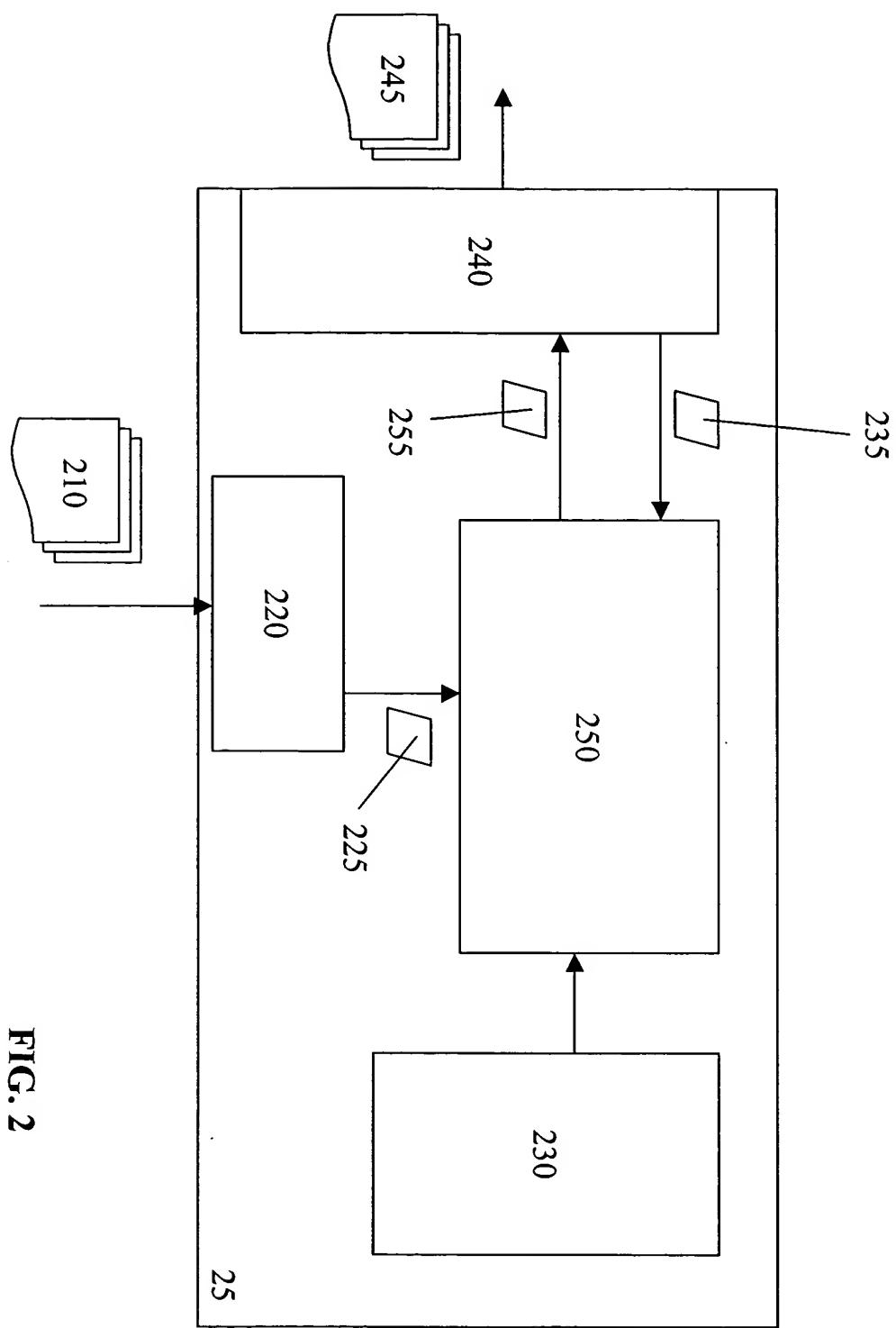


FIG. 2

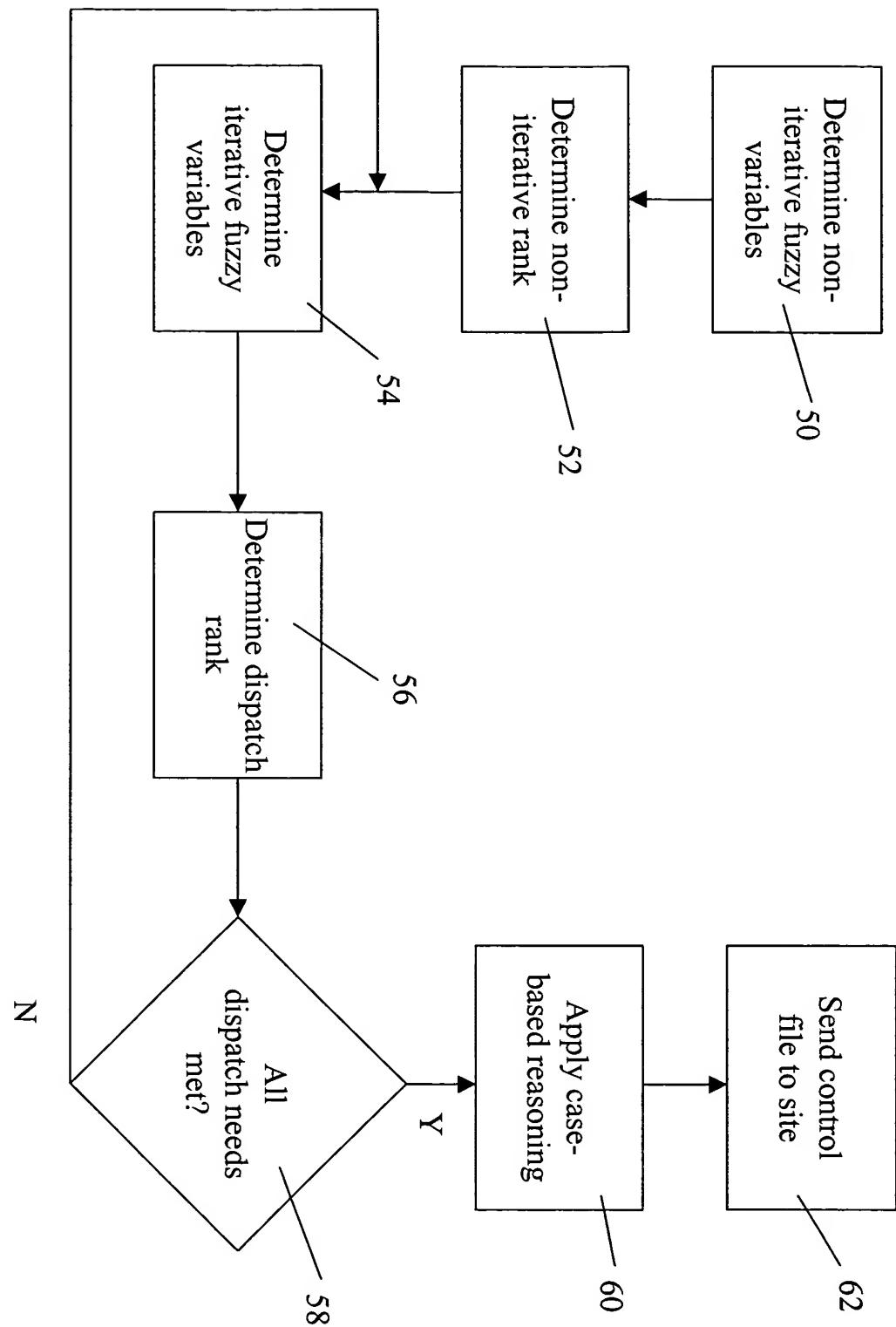


FIG. 3

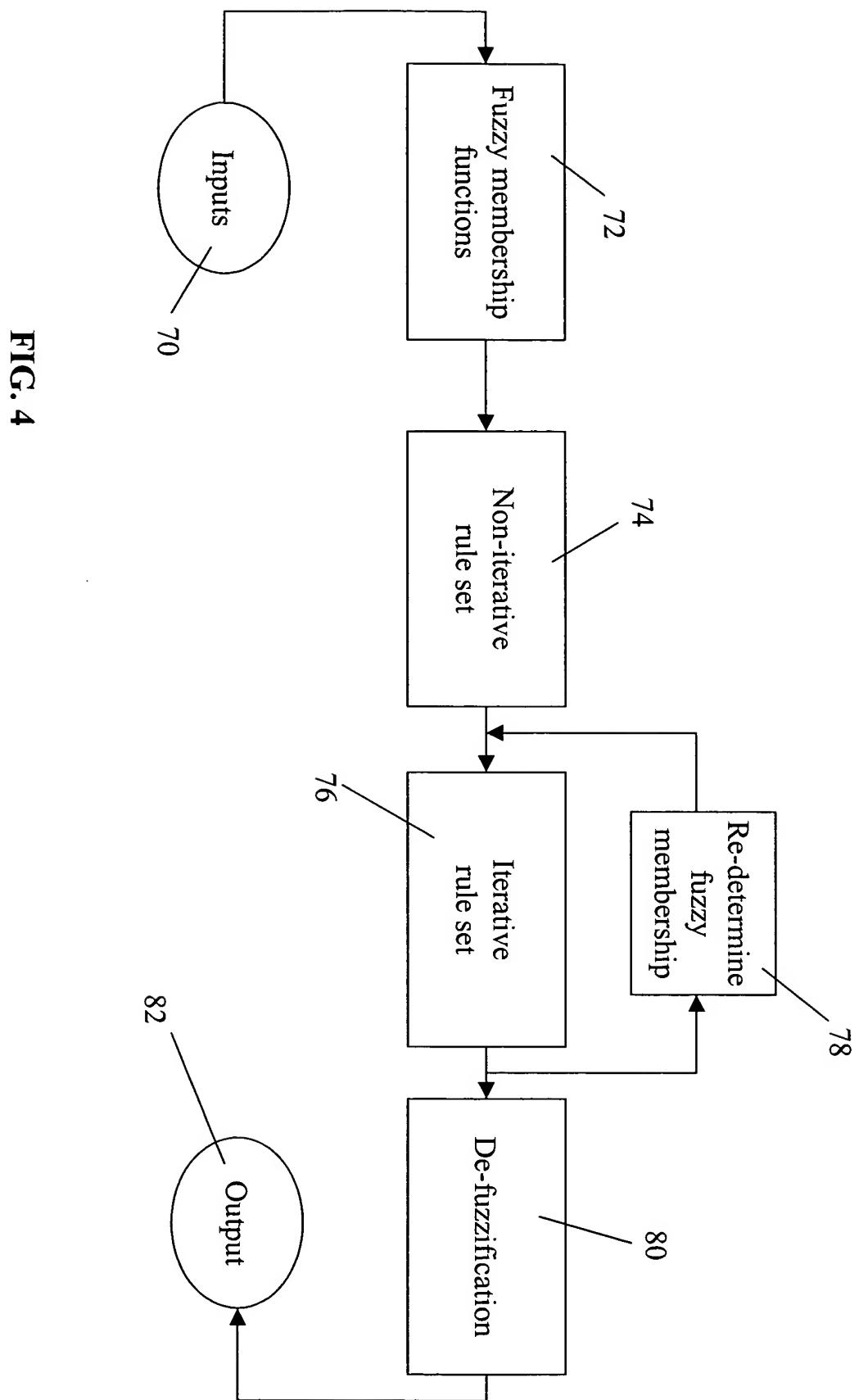
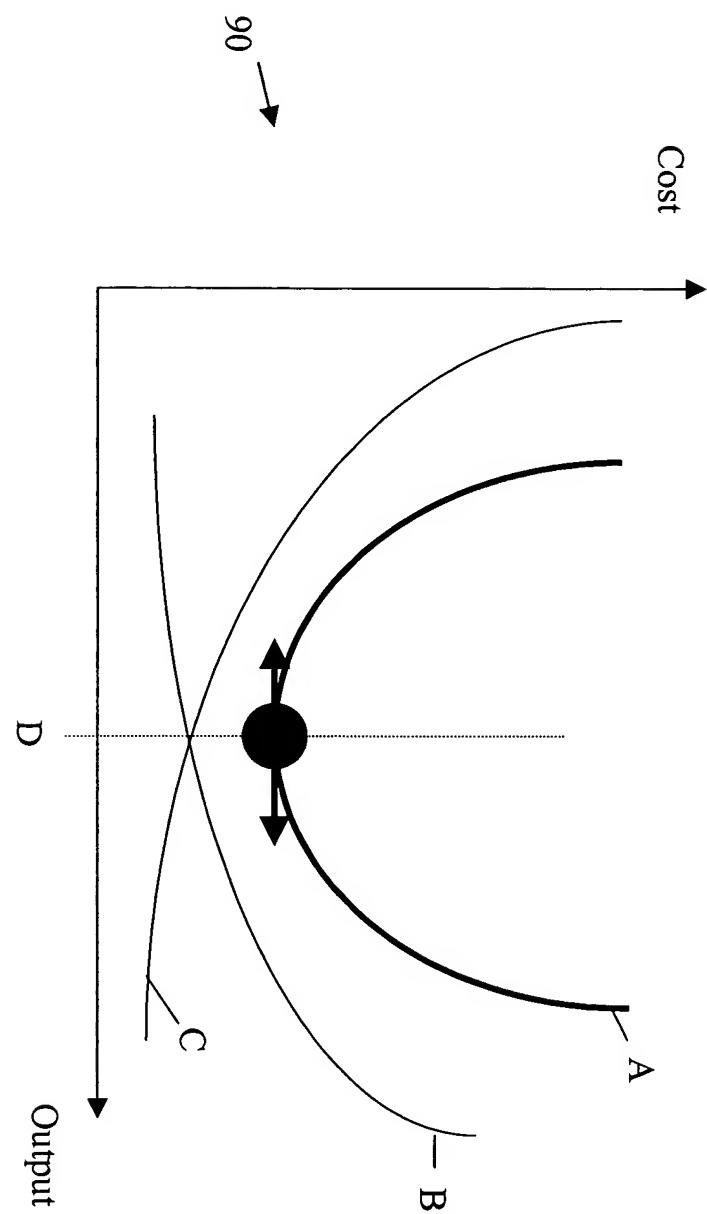


FIG. 4

FIG. 5



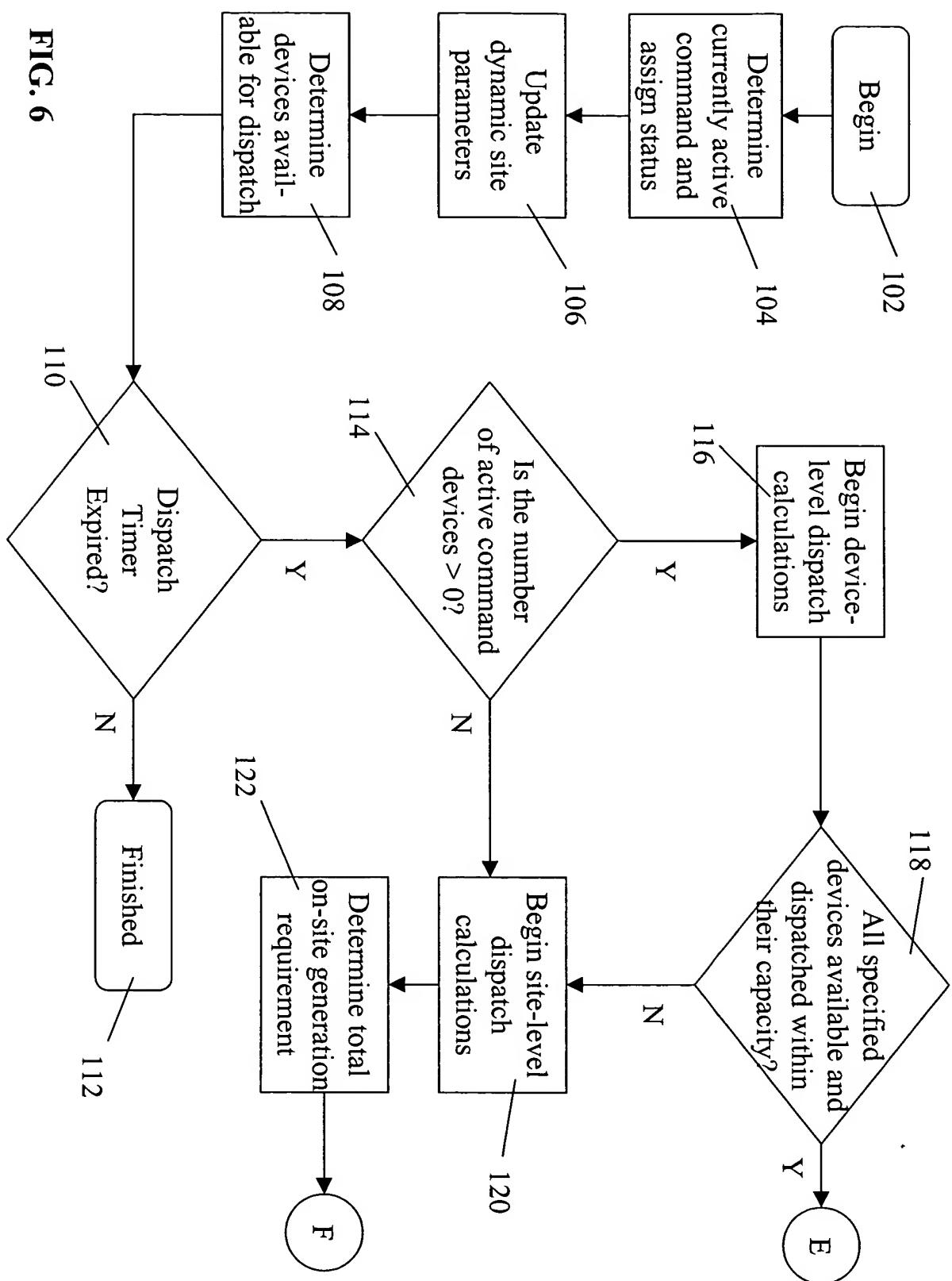


FIG. 6

Compile and send dispatch message to generators

F

FIG. 7

G

Dispatch all dispatched units to max capacity

144

136

Determine devices specified for dispatch

124

Is site connected to grid?

N

Attempt to start add'l gen's to meet req't

142

Generation req't < site min?

N

Dispatch all generators to shut down

126

152

150

Determine devices nec. to serve req't

140

All dispatched gen's unavailable?

138

Dispatch all units at max capacity

148

Can dispatched devices serve req't?

146

Dispatch accd. to part-load distribution

134

Determine avail. devices to dispatch

132

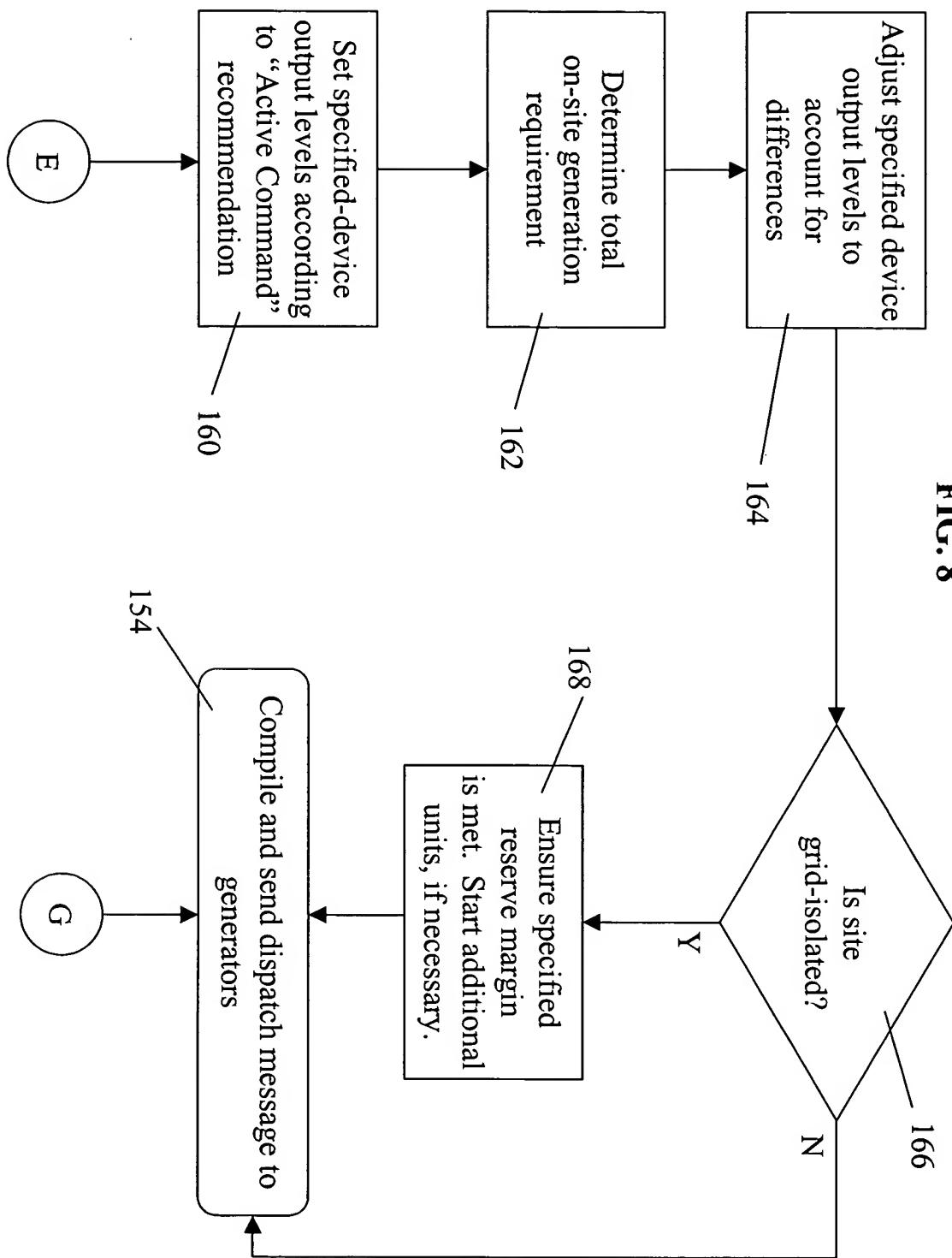
Capacity to serve req't avail?

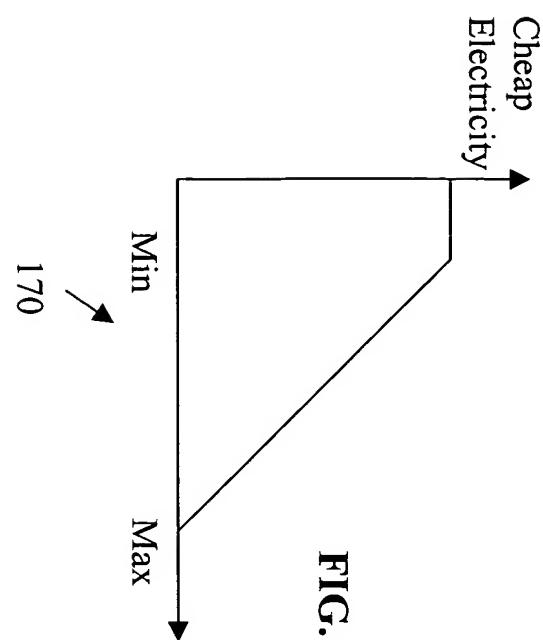
130

Is site grid-connected?

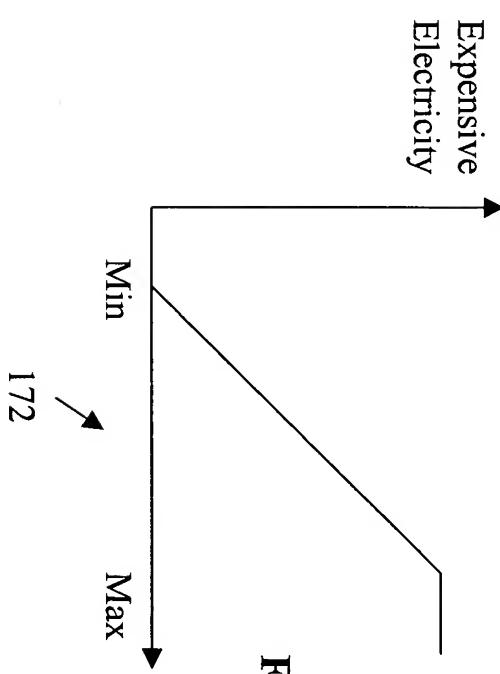
148

FIG. 8

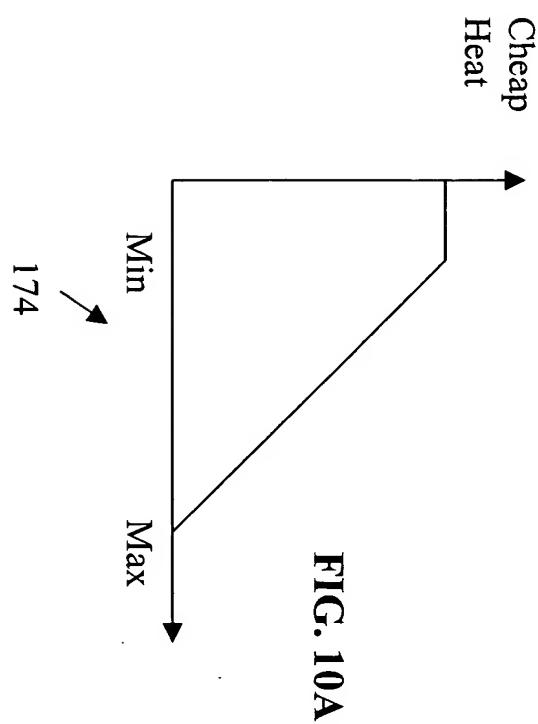




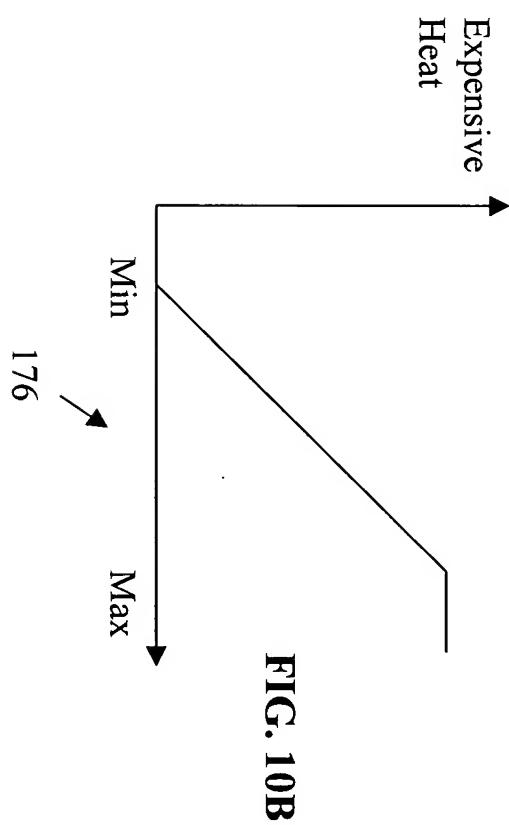
**FIG. 9A**



**FIG. 9B**



**FIG. 10A**



**FIG. 10B**

Low  
Hours

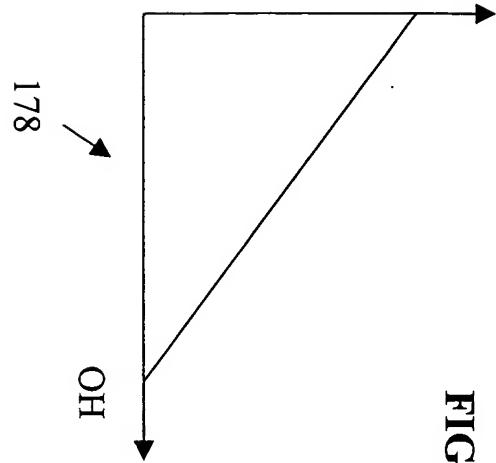


FIG. 11A

High  
Hours

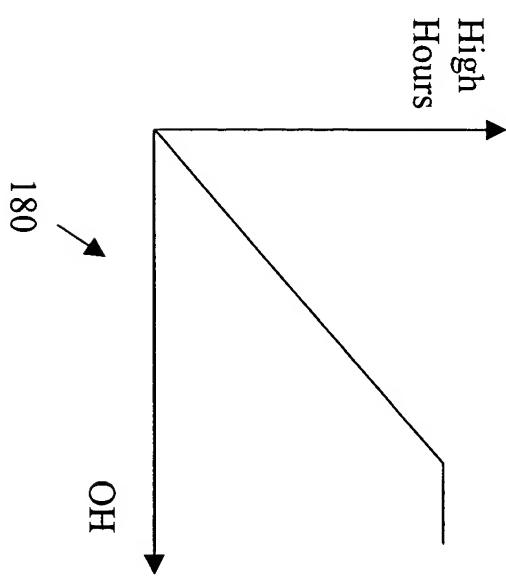
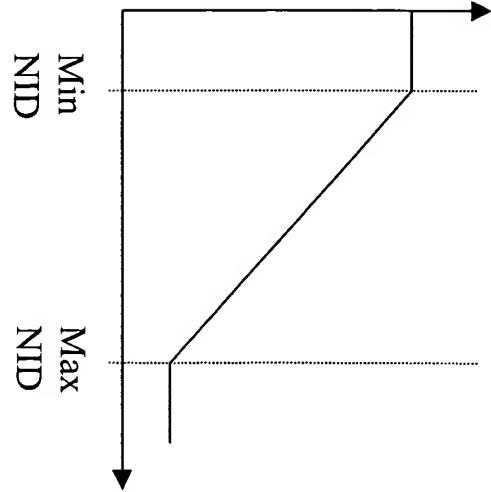


FIG. 11B

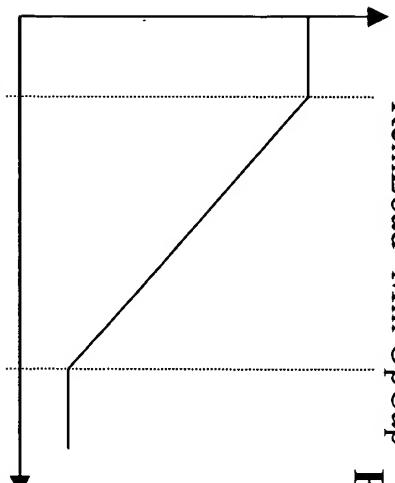
FIG. 12



182

RemLoad<Min OpCap

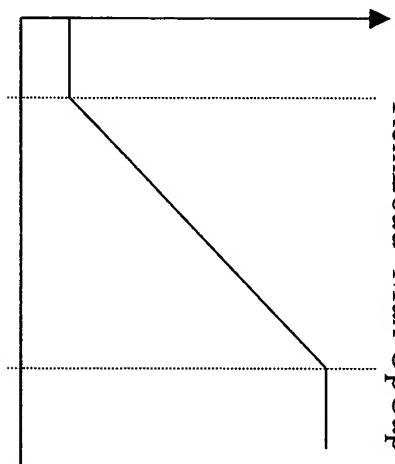
FIG. 13A



RemLoad>Max OpCap

184

FIG. 13B



186

Min OpCap <  
RemLoad <  
Max OpCap

188

FIG. 13B

NegLimit

PosLimit

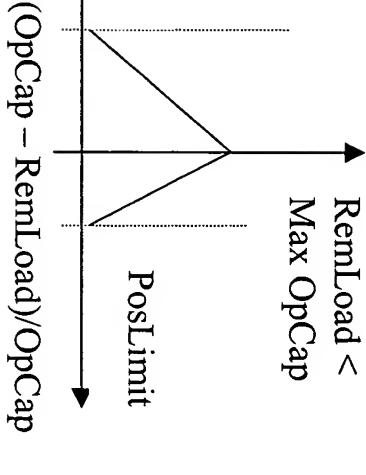
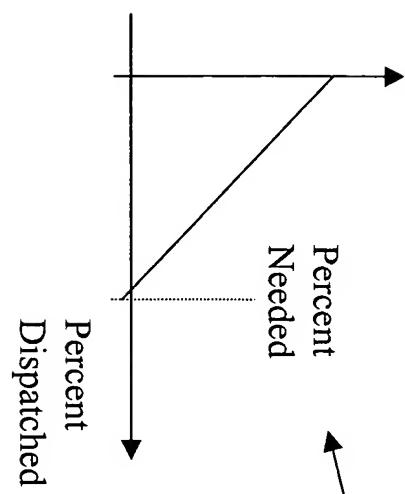


FIG. 13C

$(OpCap - RemLoad)/OpCap$

FIG. 14

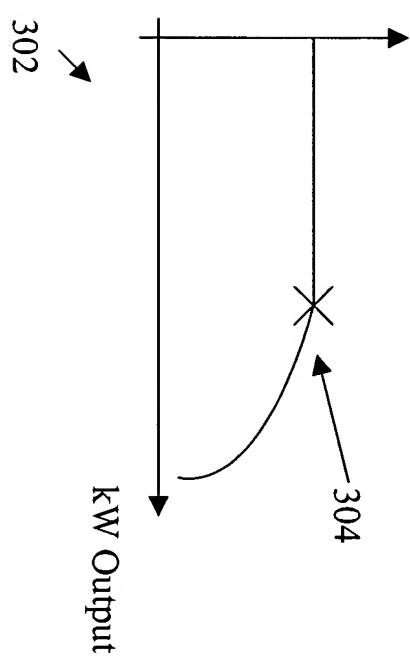


190

TBO

Percent  
Dispatched

FIG. 16



302

304

kW Output

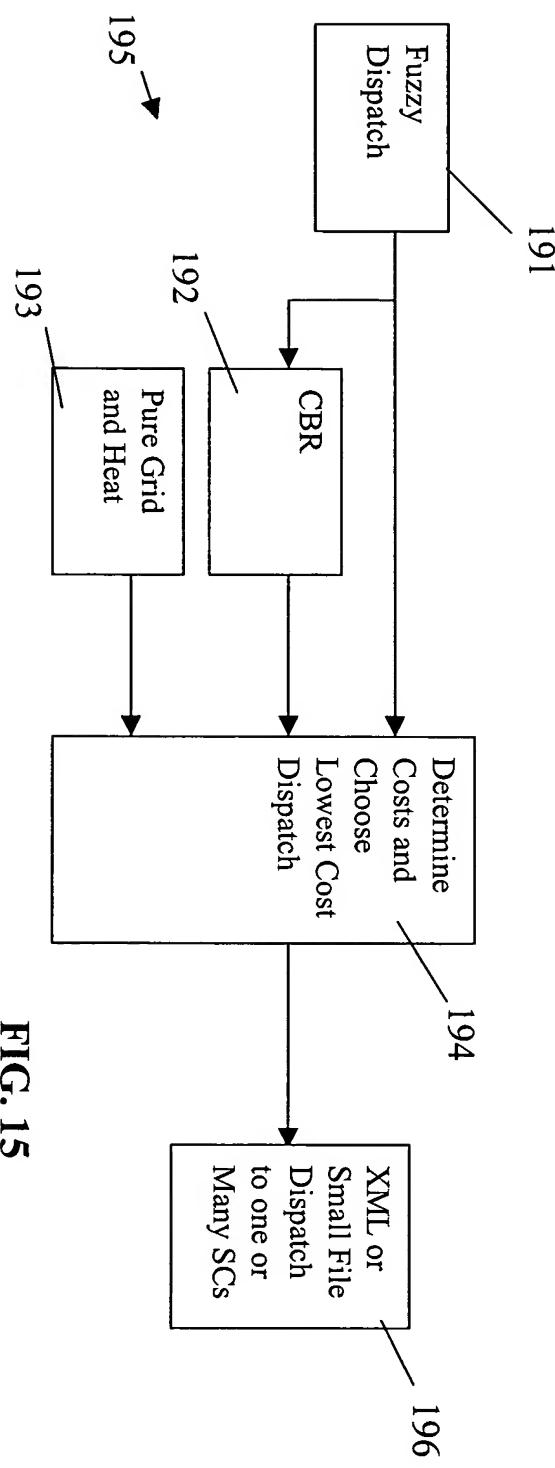
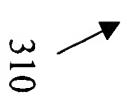
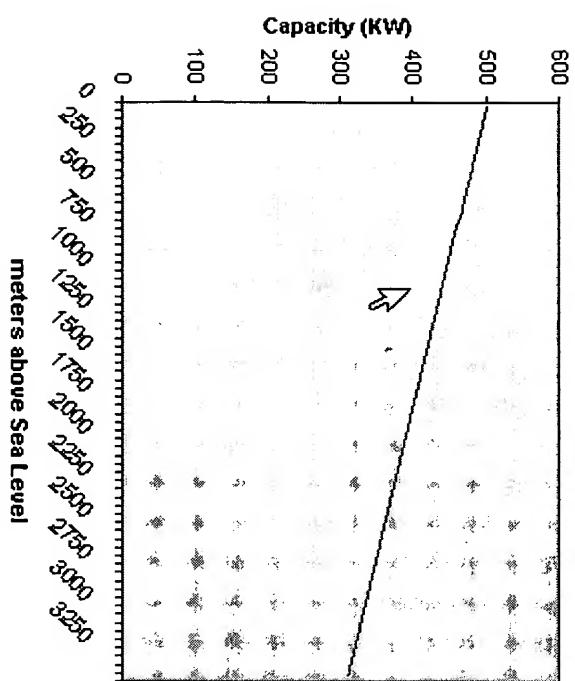


FIG. 15

FIG. 17A

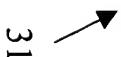
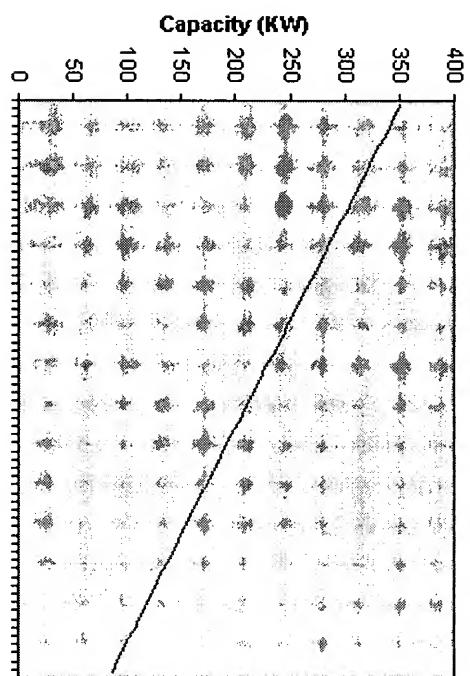
Capacity De-Rate at 0°C



310

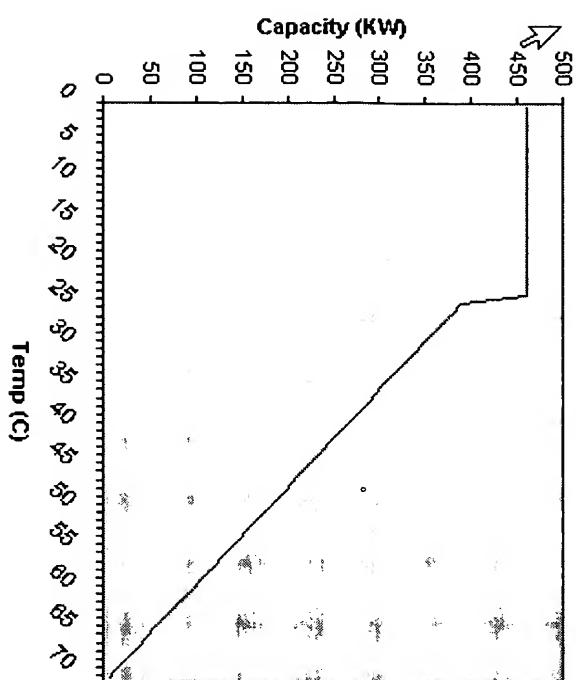
FIG. 17B

Capacity De-Rate at 35°C



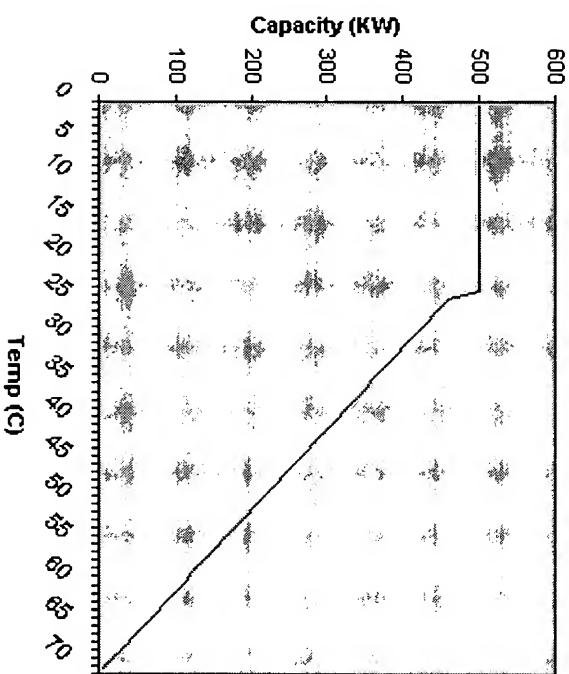
312

FIG. 17C

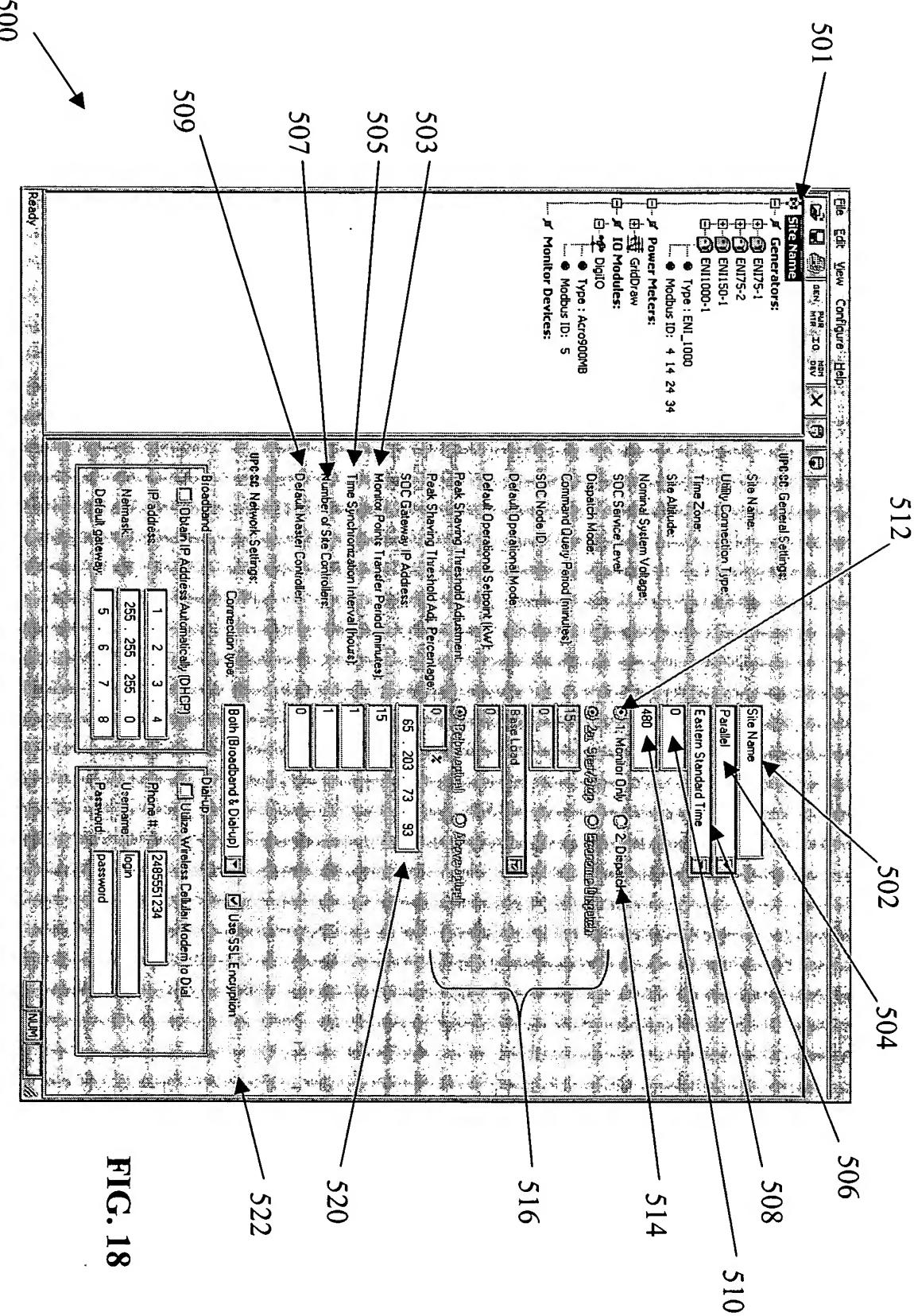


314

FIG. 17D



316



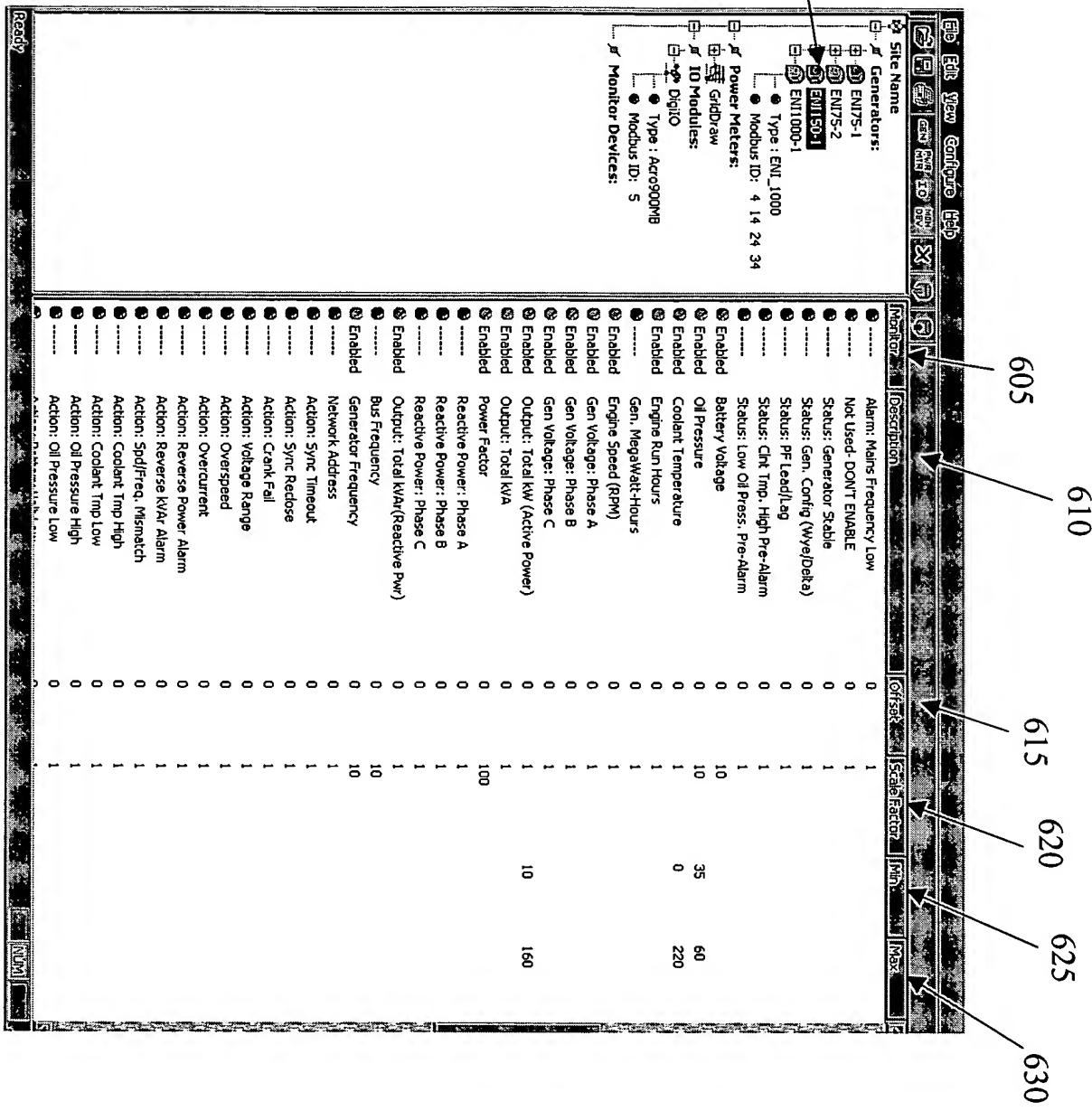


FIG. 19

FIG. 20

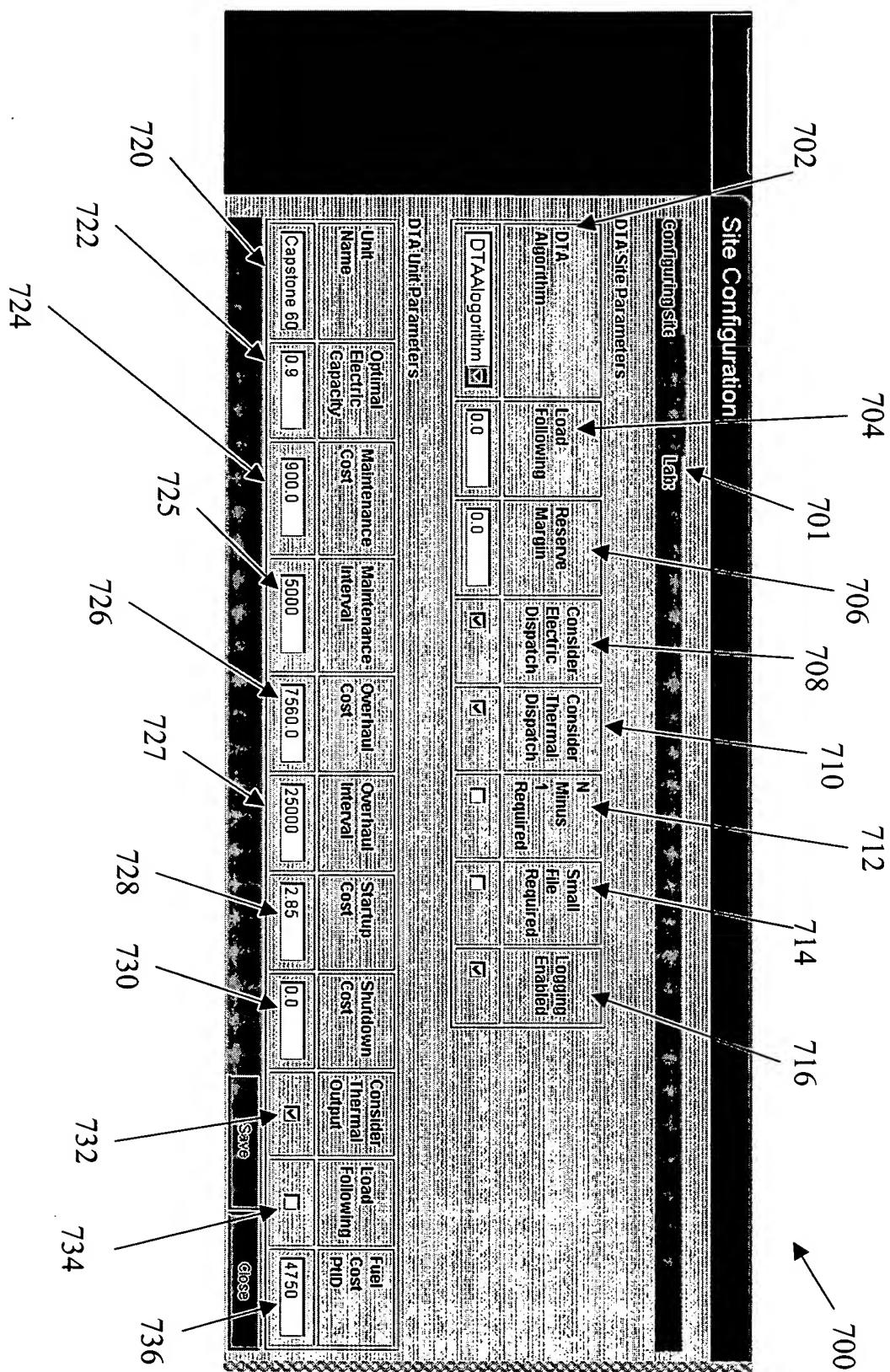


FIG. 21

Schedule - Site Time Factors								
Site	Lab							
801								
802								
TimesOfYear	StartDate					StopDate		
Winter	December	<input checked="" type="checkbox"/>	21	<input type="checkbox"/>	March	<input checked="" type="checkbox"/>	20	<input type="checkbox"/>
Spring	March	<input checked="" type="checkbox"/>	21	<input type="checkbox"/>	June	<input checked="" type="checkbox"/>	20	<input type="checkbox"/>
Summer	June	<input checked="" type="checkbox"/>	21	<input checked="" type="checkbox"/>	September	<input checked="" type="checkbox"/>	20	<input type="checkbox"/>
Autumn	September	<input checked="" type="checkbox"/>	21	<input type="checkbox"/>	December	<input checked="" type="checkbox"/>	20	<input type="checkbox"/>
TimesOfWeek	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Business	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Weekend	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
UNUSED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
UNUSED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TimesOfDay	StartTime					StopTime		
Business Hours	8	<input checked="" type="checkbox"/>	30	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	29	<input checked="" type="checkbox"/>
Off-Hours	5	<input checked="" type="checkbox"/>	30	<input checked="" type="checkbox"/>	8	<input checked="" type="checkbox"/>	29	<input checked="" type="checkbox"/>
UNUSED		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
804								
806								

FIG. 22